

chiefly of Arizona  
Plants collected by W. W. Jones.

Received at Gray Herbarium May, 1921. Determ. by J. F. Macbride.

- 24. *Anemopsis californica* Nutt.
- 96. *Antirrhinum antirrhiniflora* (Willd.) Hitch.
- 90. *Datura meteloides* DC.
- 91. *Physalis Fendleri* Gray.
- 92. *Margaranthus solanaceus* Schlecht.
- 93. *Physalis Wrightii* Gray.
- 94. *Pentstemon stenosepalus* (Gray) Howell?
- 9. *Pentstemon Palmeri* Gray.
- 89. *Oxybaphus linearifolius* Wats.
- 88. *Pectocarya linearis* (R. & P.) DC.
- 87. *Linum rigidum* Pursh, var. *puberulum* Engelm.
- 84. *Xanthium spinosum* L.
- 75. *Lycium pallidum* Miers.
- 15. *Verbena Gooddingii* Briq.?
- 82. *Larrea glutinosa* Engelm.
- 81. *Kallstroemia brachystylis* Vail.
- 80. " *grandiflora* Torr.
- 197. " " " "
- 25. *Tribulus terrestris* L.
- 181. *Asclepias Linaria* Cav.
- 185. *Verbena Wrightii* Gray?
- 191. *Eryngium Wrightii* Gray? Immature.
- 210. *Eurotia lanata* (Pursh) Moq.
- 30 or 31. *Linum Lewisii* Pursh.
- 40 or 41. " *rigidum* Pursh, var. *puberulum* Engelm.
- 45. *Pinus edulis* Engelm.
- 28. *Plantago fastigiata* Morris.

106. *Eremocarya micrantha* (Torr.) Greene.  
102. *Aquilegia chrysantha* Gray.  
101. *Anemone sphenophylla* Poepp.  
98, 100. *Rhamnus californica* Eschl., var. *tomentella* (Benth.) Brewer & Wats.  
70. *Condalea lycioides* Weber, var. *canescens* Gray.  
105. *Eriogonum reniforme* Torr. & Frem.  
104. " *trichopodium* Torr.  
107. *Verbena Gooddingii* Briq.  
108. *Phlox Stansburyi* (Torr.) Heller.  
109. *Gilia virgata* (Benth.) Steud.  
29. " *aurea* Nutt., forma *laeta* Brand.  
13, 110. " *longiflora* (Torr.) G. Don.  
111. " *inconspicua* (Smith) Dougl.  
33 or 34. *Cowania Stansburiana* Torr.  
18, 97. *Fallugia paradoxa* (G. Don) Endl.  
114. *Oenothera primiveris* Gray.  
1. *Oenothera albicaulis* Nutt.  
33 or 34. *Oenothera caespitosa* Nutt.  
49. *Gaura coccinea* Nutt.  
37. *Wedelia incana* (L.) Cockerell.  
65, 121. *Prosopis pubescens* Benth.  
112. *Argemone intermedia* Sweet.  
76. *Prosopis velutina* Wooton?  
120. *Acacia Greggii* Gray.  
51. " *constricta* Benth., var. *paucispina* Woot. & Standl.  
71. *Mimosa biuncifera* Benth.  
122. *Desmanthus Jamesii* T. & G.  
123. *Hoffmannseggia drepanocarpa* Gray.  
119. *Colochortus Nuttallii* T. & G.

35. *Yucca elata* Engelm.?

3. *Nolina microcarpa* Wats.

144. *Chaenactis Fremonti* Gray.

177. *Asclepias galicoides* H.B.K.

176. " " " " " .

21. *Asclepiodora decumbens* (Nutt.) Gray.

68. *Funastrum cynanchoides* (Dcne.) Schltr.

175. " *crispum* (Benth.) Schltr.

118. *Sphaeralcea Fendleri* Gray?

116. *Abutilon incanum* (Link) Sweet.

117. *Anoda triangularis* DC.

113. *Gaura glabra* Lehm.

61. " " " " .

2. *Cucurbita foetidissima* H.B.K.

59. *Croton texensis* (Klotzsch) Muell.

53. *Euphorbia arkansana* Engelm. & Gray, var. *atrosemina* Norton.

138. *Coldenia Palmeri* Gray.

136. *Euphorbia platysperma* Engelm.

134. *Tragia ramosa* Torr.

131. *Hedeoma nana* (Torr.) Greene.

132. *Salvia lanceaefolia* Poir.

52. *Scutellaria lateriflora* L. ?

16. *Phacelia crenulata* Torr., var. *ambigua* (Jones) Macbr. form.

26. *Lupinus Kingii* Wats.

130. *Lotus humistratus* Greene.

129. *Vicia exigua* Nutt.

126. *Lotus Wrightii* (Gray) Greene.

38. *Cassia bauhiniooides* Gray, var. *arizonica* Robinson.

42. *Astragalus allochrous* Gray.

8. " *cophorus* Wats.

124. *Astragalus Fremontii* T. & G.  
43. " ----- Too young.  
123. " ----- " "  
125. " *Greenei* Gray. ?  
212. *Erigeron canadensis* L.  
204. *Zinnia grandiflora* Nutt.  
202. *Lepidium Thurberi* Wooton.  
201. *Setaria composita* H.B.K.  
200. *Croton texensis* (Klotzsch) Muell.  
199. *Eriogonum abertianum* Torr., var. *neomexicanum* Gandog.  
193. *Sapindus Drummondii* Hook. & Arn.  
190. *Erigeron divergens* T. & G.  
189. *Stachys coccinea* Jacq.  
40 or 41. *Linum rigidum* Pursh, var. *puberulum* Engelm.  
30 or 31. " *Lewisii* Pursh.  
178. *Mirabilis Wrightiana* Gray. ?  
174. *Berberis trifoliata* Moric.  
173. *Chilopsis linearis* (Cav.) Sweet.  
172. *Heliotropium curassavicum* L., var. *xerophilum* (Ckll.) Nels. & Macbr.  
169. *Cleomella obtusifolia* Torr. & Frem.  
167. *Gilia inconspicua* (Smith) Dougl. form.  
166. " " " " "  
54. *Atriplex canescens* (Pursh) Nutt.  
47 or 48. *Erigeron divergens* T. & G.  
140. *Oenothera gauriflora* T. & G.  
139. *Lesquerella* ----- Too immature.  
✓164. *Aster ericaefolius* Rothrock.  
163. *Aplopappus gracilis* (Nutt.) Gray.  
162. *Aster tanacetifolius* H.B.K.  
161. *Baccharis glutinosa* Pers.

- 160. *Coreopsis cardaminaefolis* (DC.) T. & G.
- 158. *Gaillardia pinnatifida* Torr.
- 40 or 41. *Gaillardia pinnatifida* Torr.
- 198. *Pectis prostrata* Cav.
- 155. *Layia glandulosa* H. & A.
- 157. *Ambrosia artemisiaefolia* L. ?
- 159. *Hymenothrix Wrightii* Gray.
- 56. *Helianthella* ?
- 154. *Hymenocloa monogyra* T. & G.
- 153. *Baccharis pteronioides* DC.
- 150. *Heterothera subaxillaris* (Lam.) Brit. & Rusby.
- 149. *Cirsium arizonicum* (Gray) Petrak.
- 27. *Townsendia arizonica* Gray.
- 55. *Aster spinosus* Benth.
- 148. *Baccharis* -----? Too young.
- 147. *Stephanomeria pauciflora* Torr.
- 146. *Zinnia grandiflora* Nutt.
- 145. *Baileya multiradiata* Harv. & Gray.
- 143. *Malocothrix sonchoides* (Nutt.) T. & G.
- 78. *Solidago occidentalis* (Nutt.) T. & G. ?
- 128. *Krameria parvifolia* Benth., var. *imparata* Macbr.
- 152. *Brickellia californica* (T. & G.) Gray.
- 151. *Perezia Wrightii* Gray.
- 7. *Mentzelia multiflora* (Nutt.) Gray.
- 99. A sp. of *Rhus*? Material too meager.
- 103. *Claytonia virginica* L. ? Western form?
- 86. *Acalypha neomexicana* Muell.
- 180. *Brickellia floribunda* Greene.
- 183. A legume too immature for determination.
- 209. *Flourensia cernua* DC.

206. Material of this Composit inadequate.

195. *Martynia Louisiana* Mill.

156. *Ambrosia trifida* L.

142. *Ipomaea hirsutula* Jacq. f.

5. " ----- Possibly a new species.

47 or 48. *Evolvulus sericeus* Swartz.

188. *Evolvulus arizonicus* Gray.

187, 211. *Bouvardia glaberrima* Engelm. Corolla tube glabrous within.

133. *Triodia pilosa* (Buckl.) Merrill.

44. *Festuca octoflora* Walt.

135. *Cyperus* -----.

170, 171. *Opuntia* ----- Material inadequate for determination  
as species numerous and closely related.

194. *Mirabilis Wrightiana* Gray.

179. *Boerhavia viscosa* Lag. & Rodr.

205. *Sida hastata* St. Hil.

192. *Crotalaria pumila* Orteg.

186, 184. *Trichostema arizonica* Gray.

95. *Pentstemon* ----- Apparently an undescribed species that may,  
however, await a revision of the family now in preparation by  
Pennell.

141. *Cuscuta indecora* Choisy, var. *neuropetala* (Choisy) Hitchc.

207. *Viguiera annua* (Jones) Blake.

208. *Hymenothrix Wislizeni* Gray.

202. *Jatropha macrorrhiza* Benth.

83. *Petunia parviflora* Juss.

182. *Dasyllirion Wheeleri* Wats.

165. *Atriplex Thornberi* (Jones) Standley.

168. *Cleome lutea* Hook., var. *Jonesii*, var. nov. Differs from the typi-  
cal form in the longer pods and longer filaments. The flowers  
also appear to be brighter yellow.

85. Ericaceae ----- Material inadequate.

46. Leguminosae ----- " " .

127. *Psoralea tenuiflora* Pursh, var. *obtusiloba* Wats.